

Title (en)
ENGINE

Title (de)
MOTOR

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MOTEUR

Publication
EP 2378097 A4 20171227 (EN)

Application
EP 09838328 A 20090114

Priority
JP 2009050785 W 20090114

Abstract (en)
[origin: EP2378097A1] A combustor (2) of a gas turbine engine (1) is fed with gaseous ammonia and that gaseous ammonia is burned to drive a turbine (3). Inside the exhaust passage of the gas turbine engine (1), an NO x selective reduction catalyst (10) is arranged. Inside one or both of the intake passage of the gas turbine engine (1) or the exhaust passage upstream of the NO x selective reduction catalyst (10), ammonia is fed. This ammonia is used to reduce the NO x which is contained in the exhaust gas at the NO x selective reduction catalyst (10).

IPC 8 full level
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Citation (search report)

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Designated contracting state (EPC)
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